

TECHNICAL INSTRUCTIONS

FOR

SAFETY (NONCOMPLIANCE) RECALL E0W

SHIFT CABLE INSPECTION

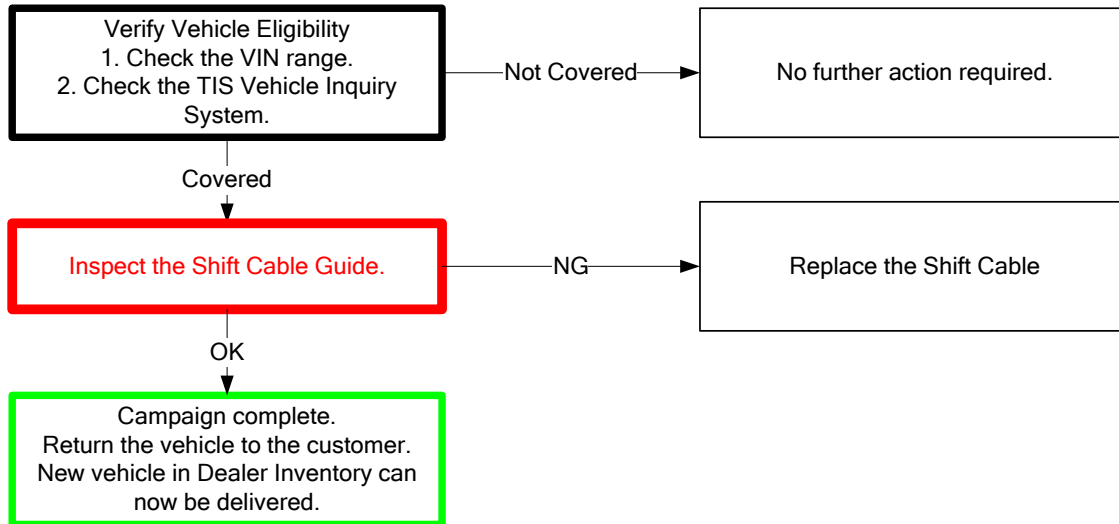
CERTAIN

2014 MODEL YEAR SIENNA

All dealership associates involved in the recall process are required to successfully complete E-Learning course SC13A. To ensure that all vehicles have the repair performed correctly; technicians performing this recall repair are required to currently hold at least one of the following certifications levels:

- Toyota Certified (any classification)
- Toyota Expert (any classifications)
- Master
- Master Diagnostic Technicians

I. OPERATION FLOW CHART



II. IDENTIFICATION OF COVERED VEHICLES

SEE APPENDIX

NOTE:

- Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this Safety Recall, and that the campaign has not already been completed prior to dealer shipment or by another dealer.
- **TMS warranty will not reimburse dealers for repairs conducted on vehicles that are not covered or were completed by another dealer.**

III. PREPARATION

A. PARTS

It is expected that very few vehicles will require parts.

Part Number	Part Description	Quantity
33820-08030	Shift Cable Assembly	1
90468-04193	Shift Cable Clip	1

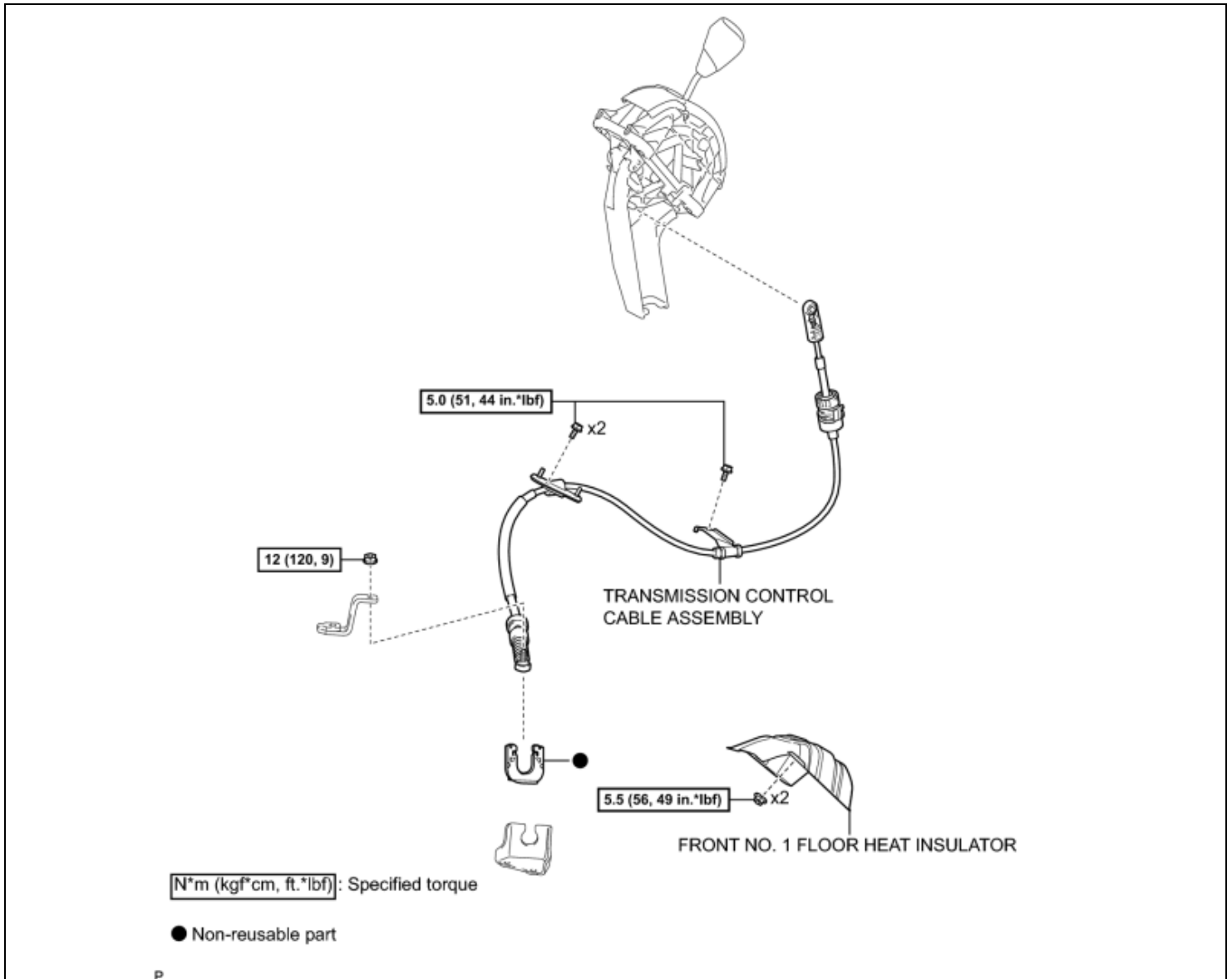
B. TOOLS, SUPPLIES & EQUIPMENT

- Mirror

IV. BACKGROUND

The transmission assembly of the subject vehicles is equipped with a transmission shift control cable which allows gear selection based on input from the gear shifter assembly. There is a possibility that the protective cable sleeve on the transmission shift control cable could have been damaged during vehicle assembly. A damaged transmission shift control cable could bind or separate during gear shift operation which could result in incorrect gear selection or an inability to shift gears. This could cause a failure to meet the requirements of S3 of FMVSS 102. Under some conditions, this could increase the risk of unintended vehicle movement and a crash.

V. COMPONENT



VI. SHIFT CABLE INSPECTION



The shift lever must be in the "P" position for the inspection.

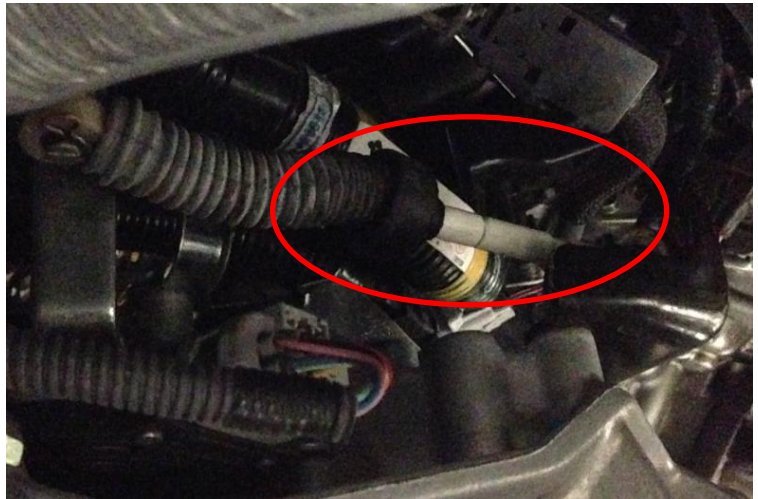


1. LIFT THE VEHICLE

- a) Rack the vehicle on the hoist.
- b) Turn the front wheels to the right to gain visibility to the shift cable.
- c) Lift vehicle.

2. PULL BACK SHIFT CABLE BOOT

- a) Through the wheel well gently pull back the shift cable boot to expose the white cable guide.



3. INSPECT THE SHIFT CABLE GUIDE

- a) Visually inspect the white shift cable guide for cracks and or separation, ensure you inspect the entire surface using a mirror.

NG: Go to section VII: Shift Cable Replacement

Good: Continue to step b).

NG



GOOD



- b) If no cracks or separation is found flex the cable guide by hand in all directions. Applying pressure will expose any small cracks that cannot be seen during the visual inspection.

[Cable Guide Flex Test Video](#)



NG: Cracks are found or breakage occurs, go to section VII: Shift Cable Replacement

Good: No cracks or breakage, continue to step 4.



4. REINSTALL THE SHIFT CABLE BOOT

5. LOWER VEHICLE

VII. SHIFT CABLE REPLACEMENT

1. REFER TO [TIS](#) TO REPLACE THE SHIFT CABLE

◀ VERIFY REPAIR QUALITY ▶

- Ensure that the shift cable guide is inspected properly
- Ensure that the shift cable boot is reinstalled properly
- Confirm shifter operates properly

VIII. APPENDIX

A. VIN LIST

EOW Dealer Stock VIN List

VIN	Dealer Code	VIN	Dealer Code	VIN	Dealer Code
5TDYK3DCXES502330	01083	5TDKK3DC0ES503458	12071	5TDYK3DCXES503557	21082
5TDYK3DC9ES502934	02042	5TDKK3DC3ES503387	12071	5TDYK3DC2ES503701	21086
5TDXK3DC9ES502248	02049	5TDYK3DC3ES503349	12077	5TDKK3DC6ES503819	21086
5TDKK3DC5ES502709	02051	5TDYK3DCXES503672	12082	5TDKK3DC7ES502873	21116
5TDKK3DC0ES502357	05011	5TDYK3DC7ES502396	12096	5TDYK3DC7ES502284	24026
5TDJK3DC7ES089512	05034	5TDKK3DC4ES503253	12096	5TDJK3DC4ES089435	24026
5TDKK3DC3ES502675	09094	5TDKK3DC4ES502300	12102	5TDZK3DC8ES503304	24061
5TDYK3DCXES503445	09096	5TDYK3DC6ES502745	12102	5TDDK3DCXES089663	24061
5TDYK3DC3ES502752	09107	5TDYK3DC8ES503332	12102	5TDYK3DC6ES502776	24077
5TDYK3DC8ES503380	09107	5TDKK3DC3ES503468	12102	5TDKK3DC0ES503198	24078
5TDYK3DC7ES503595	09107	5TDKK3DC2ES503316	12111	5TDZK3DC7ES502757	24083
5TDZK3DCXES503207	09117	5TDYK3DC7ES503645	12111	5TDYK3DC6ES502180	24083
5TDKK3DC3ES502384	09126	5TDYK3DC5ES502851	12118	5TDZK3DC2ES502228	31173
5TDYK3DC9ES503548	09126	5TDDK3DC4ES089528	12118	5TDYK3DCXES502117	32001
5TDZK3DC1ES502690	09159	5TDYK3DC7ES503273	12118	5TDKK3DC4ES502278	32069
5TDKK3DCXES502236	09163	5TDYK3DC9ES503307	12130	5TDZK3DC6ES502863	32069
5TDKK3DC3ES503521	09163	5TDKK3DC2ES503476	12133	5TDYK3DC4ES502758	32069
5TDYK3DC7ES504097	09168	5TDKK3DC7ES503473	12133	5TDJK3DC0ES089531	32085
5TDYK3DCXES503459	09182	5TDKK3DC8ES503885	12133	5TDYK3DC9ES502920	32085
5TDYK3DCXES504093	09182	5TDKK3DC5ES502175	12134	5TDYK3DC5ES503370	32085
5TDYK3DC2ES502791	09182	5TDYK3DC2ES502189	12138	5TDYK3DC6ES502258	32118
5TDXK3DC7ES502202	09193	5TDYK3DCXES503722	12141	5TDKK3DC2ES503350	32137
5TDKK3DC3ES502398	09193	5TDYK3DC8ES503797	12141	5TDZK3DC6ES502233	32144
5TDYK3DC8ES502231	09196	5TDYK3DC4ES504087	12141	5TDKK3DC6ES502671	32144
5TDKK3DC1ES503324	09199	5TDKK3DCXES502253	12141	5TDYK3DC8ES502679	34025
5TDZK3DC6ES502832	09200	5TDKK3DC6ES501777	12142	5TDYK3DC0ES502157	34044
5TDZK3DC2ES503735	09203	5TDYK3DC1ES503592	12142	5TDKK3DC3ES502210	34085
5TDYK3DC7ES503659	09204	5TDYK3DC2ES502225	12144	5TDKK3DC7ES502811	34085
5TDKK3DCXES503869	09205	5TDYK3DC5ES503305	12148	5TDKK3DCXES503290	34085
5TDKK3DC4ES502684	09208	5TDDK3DC4ES089660	13024	5TDKK3DC1ES502853	34096
5TDYK3DC1ES503317	09208	5TDKK3DC1ES502707	13027	5TDJK3DC6ES089565	37106
5TDDK3DC5ES089683	09208	5TDYK3DC6ES502907	13027	5TDKK3DC0ES502911	37160
5TDXK3DC8ES503651	09208	5TDYK3DC6ES503538	13042	5TDKK3DC8ES502929	37160
5TDKK3DC3ES502711	09209	5TDXK3DC6ES503812	13042	5TDKK3DC1ES503226	37160
5TDKK3DC3ES503616	09214	5TDYK3DC6ES502230	13047	5TDKK3DC6ES503691	37160
5TDYK3DC6ES502793	09215	5TDYK3DC7ES502768	13049	5TDYK3DC2ES502676	39028
5TDKK3DCXES503189	09215	5TDDK3DC5ES089540	13049	5TDXK3DC9ES503268	39031
5TDYK3DC3ES503299	09215	5TDYK3DC5ES503286	13054	5TDYK3DC0ES503339	39031
5TDXK3DC6ES503325	09215	5TDYK3DC7ES503810	13058	5TDKK3DC4ES503639	39040
5TDZK3DC5ES504006	09215	5TDYK3DC2ES502581	13060	5TDYK3DC3ES502153	39042
5TDZK3DC9ES502243	09216	5TDXK3DC3ES502729	13060	5TDYK3DC5ES503532	39056
5TDYK3DC6ES502342	09217	5TDYK3DC7ES502334	13067	5TDYK3DC2ES503293	41050
5TDKK3DC4ES502748	09223	5TDKK3DC7ES502744	13071	5TDYK3DC4ES503358	41050
5TDYK3DC9ES503355	09224	5TDDK3DC3ES089469	14015	5TDYK3DCXES503199	41081

5TDYK3DC8E503282	09226	5TDYK3DC4E503912	14015	5TDYK3DC3E503285	41081
5TDZK3DC9E503750	09227	5TDYK3DC6E503362	14017	5TDYK3DCXE503509	41081
5TDKK3DC5E503357	09228	5TDDK3DC0E5089624	14041	5TDZK3DC8E502329	42270
5TDYK3DCXE503574	09229	5TDYK3DC6E503202	14044	5TDXK3DC8E503195	42270
5TDYK3DC5E503515	09231	5TDKK3DC9E502812	14044	5TDDK3DC1E5089647	45036
5TDKK3DC3E502188	10032	5TDYK3DC4E502839	14044	5TDKK3DC3E503373	47026
5TDYK3DC1E502281	10041	5TDYK3DC0E503342	14046	5TDJK3DC1E5089439	47029
5TDYK3DC2E502693	10048	5TDYK3DC7E502799	14050	5TDKK3DC9E502678	48007
5TDYK3DC5E502168	10094	5TDYK3DC4E503828	14052	5TDKK3DC9E502843	48007
5TDZK3DC3E502402	10108	5TDYK3DCXE502652	15021	5TDYK3DC4E503487	48007
5TDYK3DC8E503220	10122	5TDKK3DC7E503263	15021	5TDKK3DC9E503569	48007
5TDKK3DC4E503821	10122	5TDKK3DC7E502825	15050	5TDYK3DC7E502365	48012
5TDKK3DC3E502160	10123	5TDXK3DC6E502806	15050	5TDYK3DC4E503196	48012
5TDYK3DC9E502223	10124	5TDYK3DC2E502211	15050	5TDKK3DC4E501969	48036
5TDYK3DC0E502286	10124	5TDJK3DCXE5089651	15051	5TDKK3DC8E502235	48049
5TDYK3DCXE502182	10127	5TDKK3DC4E503348	15051	5TDYK3DC6E503572	48051
5TDYK3DC1E503804	10988	5TDYK3DC3E502301	16005	5TDYK3DC7E502303	48055
5TDKK3DC4E503236	12015	5TDYK3DC1E502670	16005	5TDDK3DC6E5089661	48055
5TDYK3DC2E502872	12034	5TDYK3DC0E503471	16005	5TDZK3DC0E503524	48061
5TDYK3DC4E502789	12034	5TDKK3DC7E502288	16056	5TDKK3DC7E504056	48061
5TDYK3DC8E503461	12042	5TDKK3DC0E502391	21043	5TDJK3DC8E5089793	48061
5TDXK3DC5E502294	12069	5TDYK3DC9E502206	21068	5TDYK3DC0E502689	48062
5TDYK3DC3E502685	12071	5TDYK3DC4E503649	21072		

EOW Retailed VIN List

VIN	VIN	VIN	VIN	VIN
5TDDK3DC2E5089463	5TDKK3DC2E502277	5TDKK3DC5E502659	5TDKK3DCXE503628	5TDYK3DC3E503562
5TDDK3DC4E5089724	5TDKK3DC2E502358	5TDKK3DC5E502774	5TDXK3DC5E502716	5TDYK3DC5E503546
5TDDK3DC4E5089738	5TDKK3DC2E503428	5TDKK3DC5E502788	5TDXK3DC9E503254	5TDYK3DC6E503250
5TDDK3DC5E5089490	5TDKK3DC2E503543	5TDKK3DC5E503259	5TDYK3DC0E501929	5TDYK3DC7E502351
5TDDK3DC8E5089659	5TDKK3DC3E502241	5TDKK3DC7E502209	5TDYK3DC1E502099	5TDYK3DC9E503839
5TDDK3DC9E5089749	5TDKK3DC3E502353	5TDKK3DC8E502722	5TDYK3DC1E502359	5TDYK3DCXE503686
5TDKK3DC0E502195	5TDKK3DC3E503390	5TDKK3DC8E503675	5TDYK3DC1E502913	5TDZK3DC3E503436
5TDKK3DC0E502584	5TDKK3DC3E503714	5TDKK3DC9E502390	5TDYK3DC1E503866	5TDZK3DC5E503583
5TDKK3DC0E503248	5TDKK3DC4E502216	5TDKK3DC9E502891	5TDYK3DC2E502290	5TDZK3DC6E503575
5TDKK3DC0E503511	5TDKK3DC4E502295	5TDKK3DC9E503457	5TDYK3DC2E503388	5TDZK3DC6E503673
5TDKK3DC0E504027	5TDKK3DC4E503446	5TDKK3DC9E503779	5TDYK3DC3E502265	5TDZK3DC7E502256
5TDKK3DC1E502660	5TDKK3DC4E503544	5TDKK3DCXE502561	5TDYK3DC3E502296	
5TDKK3DC1E503503	5TDKK3DC5E502144	5TDKK3DCXE503547	5TDYK3DC3E502718	

B. CAMPAIGN DESIGNATION DECODER

